AUTODOC CLUB

How to change engine oil and filter on **Audi A6 C5 Avant** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI COUPE (89, 8B) 2.6, AUDI COUPE (89, 8B) 2.8, AUDI COUPE (89, 8B) 2.6 quattro, AUDI COUPE (89, 8B) 2.8 quattro, AUDI 80 B4 Saloon (8C2) 2.6, AUDI 80 B4 Saloon (8C2) 2.8, AUDI 80 B4 Saloon (8C2) 2.6 quattro, AUDI 80 B4 Saloon (8C2) 2.8 quattro, AUDI 80 B4 Avant (8C5) 2.6, AUDI 80 B4 Avant (8C5) 2.6 quattro, AUDI 80 B4 Avant (8C5) 2.8 quattro, AUDI Cabriolet (8G7, B4) 2.6, AUDI Cabriolet (8G7, B4) 2.8, AUDI A8 (4D2, 4D8) 2.8 quattro, AUDI A4 Saloon (8D2, B5) 2.6, (+ 61)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – AUDI A6 C5 AVANT. TOOLS YOU NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Combination spanner #19
- Drive socket # 19
- Oil filter cup socket #86-15F
- Oil filter cup socket #93-15F
- Ratchet wrench
- Fluid container
- Funnel
- Fender cover

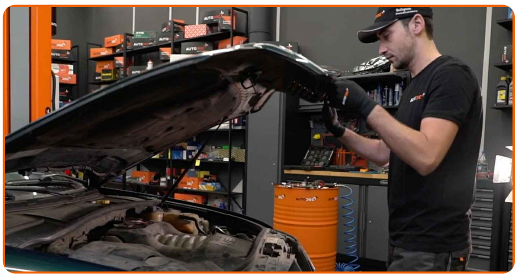
BUY TOOLS

Replacement: engine oil and filter – Audi A6 C5 Avant. AUTODOC experts recommend:

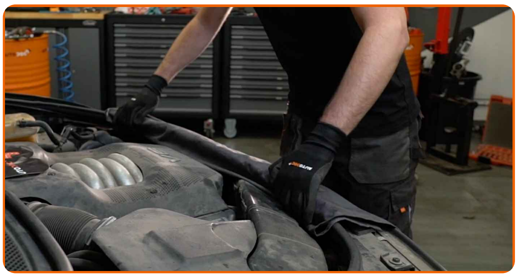
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – Audi A6 C5 Avant – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.



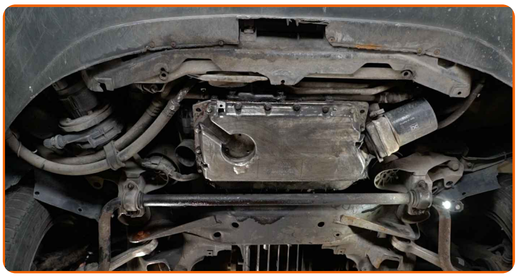
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Unscrew the oil filler plug.



4 Lift the car using a jack or place it over an inspection pit.



Replacement: engine oil and filter – Audi A6 C5 Avant. Tip from AUTODOC experts:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.
- All works should be done with the engine cooled down.

5 Put a waste oil container with at least 7 l capacity under the drainage hole.



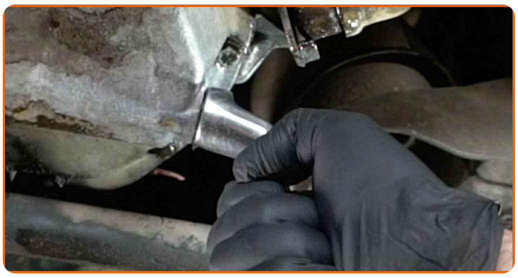
6 Clean the area of the oil pan drainage hole.

7 Clean the oil filter. Use a wire brush. Use all-purpose cleaning spray.

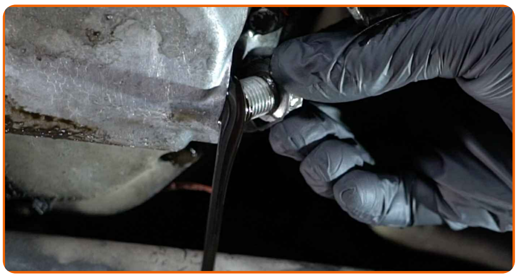
AUTODOC recommends:

- Replacement: engine oil and filter – Audi A6 C5 Avant. After applying the spray, wait a few minutes.

8 Unscrew the drain plug. Use a combination spanner #19. Use a ratchet wrench.



9 Drain the used oil.



Replacement: engine oil and filter – Audi A6 C5 Avant. Tip from AUTODOC experts:

- Caution! The oil may be hot.

10 Unscrew the oil filter. Use the 86-15F socket. Use a ratchet wrench.



11 Remove the oil filter.



Replacement: engine oil and filter – Audi A6 C5 Avant. Tip from AUTODOC:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

12 Clean the area of the oil pan drainage hole.



13 Screw in the new oil drain plug.



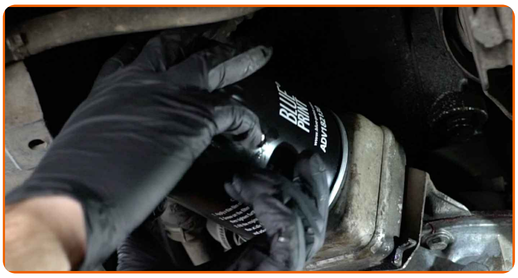
14 Clean the oil filter seat. Use all-purpose cleaning spray.



15 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



16 Install a new oil filter.



Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.

17 Tighten the oil filter. Remember to observe the recommended tightening torque. Use the 93-15F socket. Use a torque wrench. Tighten it to 25 Nm torque.



Replacement: engine oil and filter – Audi A6 C5 Avant. Professionals recommend:

- Wait until the oil has completely drained from the drainage hole.

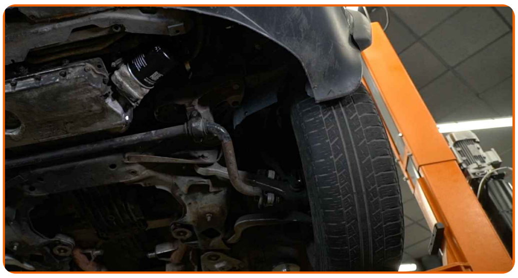
18 Tighten the oil drain plug. Use a drive socket #19. Use a torque wrench. Tighten it to 30 nm torque.



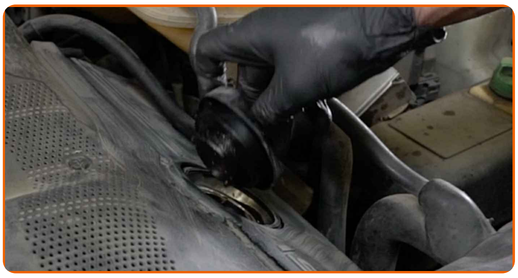
19 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



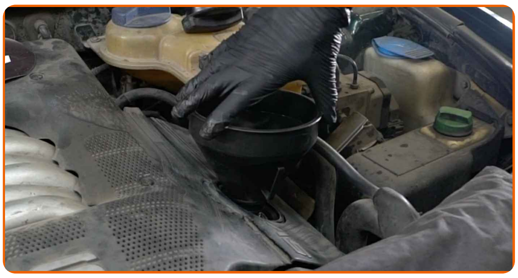
20 Lower the car.



21 Remove the oil filler cap.



22 Insert the funnel.



23

Pour oil into the engine through the filler. Required amount of oil: 6 l.

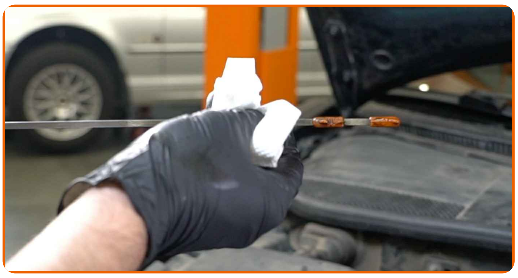


Replacement: engine oil and filter – Audi A6 C5 Avant. Tip:

- Use the oil recommended by the manufacturer.

24

Check the oil level using the dipstick. Top up oil if necessary.



Please note!

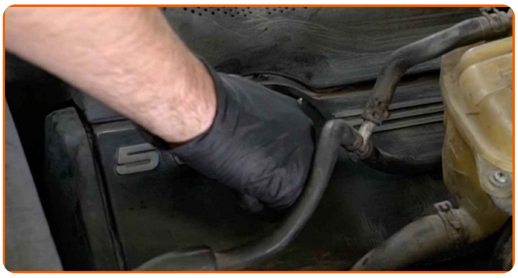
- The oil level should be between the Min and Max marks.

25

Install the oil filler cap.



26 Tighten the oil filler cap.

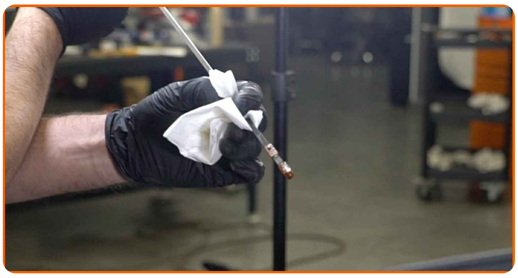


27 Run the engine for a few minutes.



28 After the oil pressure warning light goes out, stop the engine.

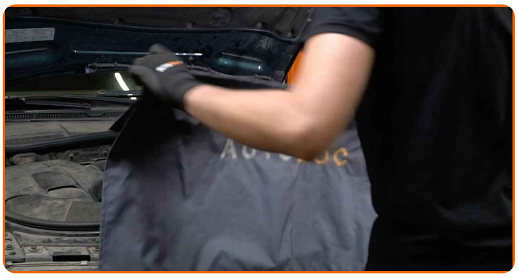
29 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



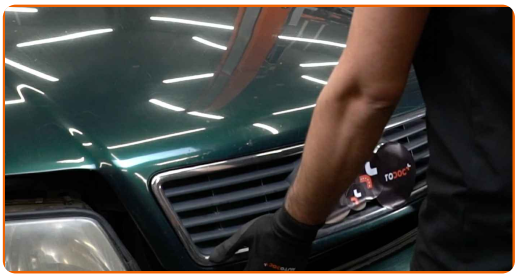
Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness.
  If necessary, carefully tighten them up.

30 Remove the fender protection cover.



31 Close the hood.



Replacement: engine oil and filter – Audi A6 C5 Avant. Tip from AUTODOC:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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